

PATENT APPLICATION FEE DETERMINATION RECORD

Effective November 10, 1998

Application or Docket Number

091431099

CLAIMS AS FILED - PART I

(Column 1)

(Column 2)

| FOR | NUMBER FILED | NUMBER EXTRA |
|----------------------------------|--------------|----------------|
| BASIC FEE | | |
| TOTAL CLAIMS | 24 | minus 20 = * 4 |
| INDEPENDENT CLAIMS | 4 | minus 3 = * 1 |
| MULTIPLE DEPENDENT CLAIM PRESENT | | |

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

(Column 1)

(Column 2)

(Column 3)

| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|----------------------------------|-------|------------------------------------|---------------|
| Total | * 25 | Minus | ** 24 | = 1 |
| Independent | * 4 | Minus | *** 4 | = 0 |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | |

SMALL ENTITY
TYPE

OR OTHER THAN
SMALL ENTITY

| | | | |
|--------|--------|--------|--------|
| RATE | Fee | RATE | Fee |
| | 380.00 | | 760.00 |
| X\$ 9= | 36 | X\$18= | 72 |
| X39= | 39 | X78= | 78 |
| +130= | | +260= | |
| TOTAL | 455 | TOTAL | 910 |

SMALL ENTITY OR OTHER THAN
SMALL ENTITY

| | | | |
|------------------|----------------|------------------|----------------|
| RATE | ADDITIONAL FEE | RATE | ADDITIONAL FEE |
| X\$ 9= | | X\$18= | 18 |
| X39= | | X78= | |
| +130= | | +260= | - |
| TOTAL ADDIT. FEE | | TOTAL ADDIT. FEE | paid |

(Column 1)

(Column 2)

(Column 3)

| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|----------------------------------|-------|------------------------------------|---------------|
| Total | * 27 | Minus | ** 25 | = 2 |
| Independent | * 5 | Minus | *** 4 | = 1 |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | |

RATE ADDITIONAL FEE

RATE ADDITIONAL FEE

| | | | |
|------------------|----------------|------------------|----------------|
| RATE | ADDITIONAL FEE | RATE | ADDITIONAL FEE |
| X\$ 9= | | X\$18= | 83 |
| X39= | | X78= | 84 |
| +130= | | +260= | |
| TOTAL ADDIT. FEE | | TOTAL ADDIT. FEE | paid |

(Column 1)

(Column 2)

(Column 3)

| AMENDMENT C | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|----------------------------------|-------|------------------------------------|---------------|
| Total | * 45 | Minus | ** 27 | = 18 |
| Independent | * 9 | Minus | *** 5 | = 4 |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | |

RATE ADDITIONAL FEE

RATE ADDITIONAL FEE

| | | | |
|------------------|----------------|------------------|----------------|
| RATE | ADDITIONAL FEE | RATE | ADDITIONAL FEE |
| X\$ 9= | | X\$18= | 324 |
| X39= | | X78= | 336 |
| +130= | | +260= | |
| TOTAL ADDIT. FEE | | TOTAL ADDIT. FEE | 1040 |

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

PATENT APPLICATION FEE DETERMINATION RECORD
Effective October 1, 2000

Application or Docket Number

09 431699

CLAIMS AS FILED - PART I

| | (Column 1) | (Column 2) |
|----------------------------------|--------------|--------------|
| FOR | NUMBER FILED | NUMBER EXTRA |
| BASIC FEE | | |
| TOTAL CLAIMS | minus 20 = * | |
| INDEPENDENT CLAIMS | minus 3 = * | |
| MULTIPLE DEPENDENT CLAIM PRESENT | | |

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

| | (Column 1) | (Column 2) | (Column 3) |
|--|---|---|------------------|
| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | * 46 | Minus | ** 45 = 1 |
| Independent | * 46 | Minus | *** 9 = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | |

| | (Column 1) | (Column 2) | (Column 3) |
|--|---|---|------------------|
| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | * Minus | ** = | |
| Independent | * Minus | *** = | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | |

| | (Column 1) | (Column 2) | (Column 3) |
|--|---|---|------------------|
| AMENDMENT C | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | * Minus | ** = | |
| Independent | * Minus | *** = | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | |

- * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 - ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
 - *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."
- The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

| SMALL ENTITY TYPE | OTHER THAN SMALL ENTITY |
|----------------------|----------------------------|
| RATE | RATE |
| \$385 | \$770 |
| X\$ 9 = | X\$18 = |
| X43 | X86 = |
| +45 | 290 = |
| TOTAL | TOTAL |

| SMALL ENTITY TYPE | OTHER THAN SMALL ENTITY |
|----------------------|----------------------------|
| RATE | RATE |
| X\$ 9 = | X\$18 = 18 |
| X43 | X86 = |
| +45 = | 290 = |
| TOTAL ADDIT. FEE | TOTAL ADDIT. FEE 18 |

| AMENDMENT B | RATE | ADDITIONAL FEE | RATE | ADDITIONAL FEE |
|--|---------|-------------------|---------|-------------------|
| Total | X\$ 9 = | | X\$18 = | |
| Independent | X43 | | X86 | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | |

| AMENDMENT C | RATE | ADDITIONAL FEE | RATE | ADDITIONAL FEE |
|--|---------|-------------------|---------|-------------------|
| Total | X\$ 9 = | | X\$18 = | |
| Independent | X43 | | X86 | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | |